

SOM-004 ROCKWELL HARDNESS TESTER

DESCRIPTION : The Rockwell scale is a hardness scale based on indentation hardness of a material. The Rockwell test determines the hardness by measuring the depth of penetration of an indenter under a large load compared to the penetration made by a preload.^[1] There are different scales, denoted by a single letter, that use different loads or indenters. The result is a dimensionless number noted as HRA, HRB, HRC, etc., where the last letter is the respective Rockwell scale

RANGE OF EXPERIMENTS :

1. To Measure the hardness of given specimen using Rockwell hardness tester.

TECHNICAL DESCRIPTION :

Test loads 60, 100 & 150 kgf for tests on Rockwell A, B, C, scale.

Automatic Zero setting dial gauge.

Load selection just by dialing externally.

Capacity – Throat 133 mm Max. test height 230 mm

Confirm to IS : 3804, BS : 891 & ASTM : E –18

SERVICE REQUIRED : Foundation As Per Drawing

SPACE REQUIRED : 0.5 m. (L) x 0.5 m (W) X 1 m (H).

WEIGHT : @ 35 Kg